

THE NAME THAT MOLECULE 2020-2021 CHALLENGE

Page 1 of 3

The Challenge:

Your challenge is to create a digital 3D model of a molecule that you see or interact with every day. Submit your 3D model, an image of your entry, and a text explanation of your molecule, including its molecular composition, properties, and/or relevance in our world. Get in your element ... and good luck!

Who Can Enter

Legal residents of the United States who are registered students in grades kindergarten through twelfth grade attending a public, private, or home school in the United States (including U.S. Territories or Possessions and schools operated by the U.S. for the children of American personnel overseas) are eligible to enter (eligible "Participants").

Privacy Rules

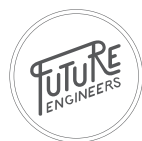
Submissions will be reviewed for online privacy and student safety prior to being displayed in the gallery. Entries that moderators find to have personal information will be flagged for resubmission (or rejected if after the deadline).

- **NO NAMES OF PEOPLE!** Don't write your full name, or anyone else's full name in your entry. Factually referencing significant figures (eg. a scientist, artist, or engineer) is OK in your essay.
- **NO SCHOOL NAMES!** Don't include your school name or class name in your submission.
- **NO FACES!** Don't include the face of yourself or others in your entry.
- **NO CONTACT INFO!** Don't include an address, email address, phone number, username, or any combination of information that could be used to identify or contact a student in your entry.

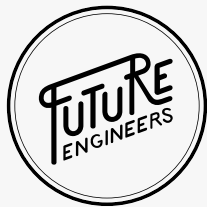
Submission Criteria

Submissions that violate the rules will be ineligible to win and may be flagged for resubmission.

- **Your Submission Must Include:**
 - **3D MODEL** of your Molecule
 - Max 20 MB
 - File Format: STL
 - **IMAGE** of your Molecule
 - Max 3MB
 - File Formats: GIF, JPG/JPEG, PNG, or BMP
 - **TITLE** of your Molecule
 - Max 30 Characters
 - **SHORT ESSAY** explaining your Molecule
 - Max 150 words
- **Your entry must be made by YOU.**
- **Do not upload content that infringes on the rights of others.** No corporate names, brand names, logos, or otherwise trademarked items in your title, 3D model, or image. Referencing common trade names **factually** in your description is OK.
- **ONE** eligible entry per student. Team entries are **NOT** allowed. You may edit your submitted entry, but your last version of the submitted entry before the deadline will be judged.
- **Keep it G-rated!** No inappropriate content or inappropriate molecules



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Page 2 of 3

Judging Criteria

The Judging Panel will score all eligible entries based on the following Judging Criteria (max score of 100 points):



40 POINTS

Visual Representation: How well the 3D model and image represent the molecule.

60 POINTS

Communication: Description of the molecule, its composition, properties, and/or relevance in our world.

Program Dates

All entries must be received by: **FEBRUARY 3, 2021, 11:59 PM Pacific time**. Parent consent must be received by the time requested, otherwise participant will be deemed ineligible to win. It is anticipated that Challenge dates/deadlines will be on or about as follows; however, all dates may be subject to change due to necessity of the circumstances, as determined by Sponsor in its sole and absolute discretion.



Winners and Honorees

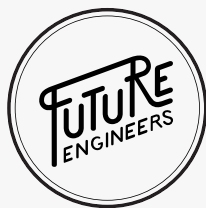
There are two separate grade Categories (Grades K-5; Grades 6-12, each is a grade "Category".)

- FINALISTS (8)**
Eligible entries received will be judged in accordance with the above Judging Criteria. Four (4) entries with the highest score in each Grade Category will be selected as prospective finalists and, subject to eligibility and compliance, will then be announced.
- WINNERS (2)**
A panel of Judges will again apply the Judging Criteria to select from the Finalists the highest scoring entry in each Grade Category. One Grand Prize winner in each Grade Category will be selected and announced.

Future Engineers reserves the right to (i) select fewer finalists and/or winners (if there is not enough eligible entries received) or (ii) to select more finalists, and/or winners or (iii) to award additional prizes. If a finalist and/or winner is disqualified for any reason, Future Engineers may award the prize to an alternate even if the disqualified person has already been announced.



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THE NAME THAT MOLECULE 3D CHALLENGE RULES

Page 3 of 3

Finalist and Grand Prizes



FINALIST PRIZES (4 per Grade Category)

A Future Engineers T-Shirt (ARV: \$10)



GRAND PRIZE (1 per Grade Category)

A professional 3D print of your molecule in the material of your choice (ARV: up to a maximum \$100 print)

Potential Finalist Notification

The potential finalists' parents or legal guardians will be notified via email and they will be required to sign and return additional documents by a specified time, which may include:

Affidavit (or Declaration, as determined by Sponsor) of Eligibility, Liability and, where legal, Publicity Release and a Waiver Agreement ("Winner Release Documents").

If any prize, prize notification, email or other communication is returned as undeliverable, or if a potential winner (at any level) cannot be reached after two (2) separate unsuccessful attempts by email or phone, refuses the prize, or fails to properly sign and return all Releases within the time period requested, or if a potential finalist or their entry is found to be ineligible, the potential finalist may be disqualified. The next highest scoring entry (for the applicable prize level) may be notified, time permitting.

Tie Break

In the event of a tie at any stage of judging, 'Communication: Description of the molecule, it's composition, properties, and/or relevance in our world' will be used as the tie-breaker.

Ownership and Public Licensing

Entries may be displayed in a moderated public gallery. Please refer to the [GENERAL RULES](#) and [TERMS OF SERVICE](#) for licensing details. Depiction in the gallery shall not be deemed a representation of an entries' ranking, score, or eligibility for the Challenge.

GOOD LUCK!



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